

FIGURE 1

cca gcc cta cca gaa gat ggg ggg tcc ggg gcc ttc cca cca ggg cac	48
Pro Ala Leu Pro Glu Asp Gly Gly Ser Gly Ala Phe Pro Pro Gly His	
1 5 10 15	
ttc aaa gat cca aaa cga cta tat tgt aaa aac ggg ggg ttc ttc cta	96
Phe Lys Asp Pro Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu	
20 25 30	
cga atc cac cca gat ggg cga gta gat ggg gta cga gaa aaa tcc gat	144
Arg Ile His Pro Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp	
35 40 45	
cca cac atc aaa cta caa cta caa gcc gaa gaa cga ggg gta gta tcc	192
Pro His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser	
50 55 60	
atc aaa ggg gta tgt gcc aac cga tat cta gcc atg aaa gaa gat ggg	240
Ile Lys Gly Val Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly	
65 70 75 80	
cga cta cta gcc tcc aaa tgt gta acc gat gaa tgt ttc ttc ttc gaa	288
Arg Leu Leu Ala Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Phe Glu	
85 90 95	
cga cta gaa tcc aac aac tat aac acc tat cga tcc cga aaa tat tcc	336
Arg Leu Glu Ser Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Ser	
100 105 110	
tcc tgg tat gta gcc cta aaa cga acc ggg caa tat aaa cta ggg cca	384
Ser Trp Tyr Val Ala Leu Lys Arg Thr Gly Gln Tyr Lys Leu Gly Pro	
115 120 125	
aaa acc ggg cca ggg caa aaa gcc atc cta ttc cta cca atg tcc gcc	432
Lys Thr Gly Pro Gly Gln Lys Ala Ile Leu Phe Leu Pro Met Ser Ala	
130 135 140	
aaa tcc taa	441
Lys Ser *	
145	

1000 900 800 700 600 500 400 300 200 100 0

FIGURE 2

Pro	Ala	Leu	Pro	Glu	Asp	Gly	Gly	Ser	Gly	Ala	Phe	Pro	Pro	Gly	His
1				5				10						15	
Phe	Lys	Asp	Pro	Lys	Arg	Leu	Tyr	Cys	Lys	Asn	Gly	Gly	Phe	Phe	Leu
		20						25					30		
Arg	Ile	His	Pro	Asp	Gly	Arg	Val	Asp	Gly	Val	Arg	Glu	Lys	Ser	Asp
		35					40					45			
Pro	His	Ile	Lys	Leu	Gln	Leu	Gln	Ala	Glu	Glu	Arg	Gly	Val	Val	Ser
	50					55					60				
Ile	Lys	Gly	Val	Cys	Ala	Asn	Arg	Tyr	Leu	Ala	Met	Lys	Glu	Asp	Gly
65						70				75				80	
Arg	Leu	Leu	Ala	Ser	Lys	Cys	Val	Thr	Asp	Glu	Cys	Phe	Phe	Phe	Glu
				85					90					95	
Arg	Leu	Glu	Ser	Asn	Asn	Tyr	Asn	Thr	Tyr	Arg	Ser	Arg	Lys	Tyr	Ser
			100					105					110		
Ser	Trp	Tyr	Val	Ala	Leu	Lys	Arg	Thr	Gly	Gln	Tyr	Lys	Leu	Gly	Pro
		115					120					125			
Lys	Thr	Gly	Pro	Gly	Gln	Lys	Ala	Ile	Leu	Phe	Leu	Pro	Met	Ser	Ala
	130					135					140				
Lys	Ser														
145															

FIGURE 3

ccc gcc ttg ccc gag gat ggc ggc agc ggc gcc ttc ccg ccc ggc cac	48
Pro Ala Leu Pro Glu Asp Gly Gly Ser Gly Ala Phe Pro Pro Gly His	
1 5 10 15	
ttc aag gac ccc aag cgg ctg tac tgc aaa aac ggg ggc ttc ttc ctg	96
Phe Lys Asp Pro Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu	
20 25 30	
cgc atc cac ccc gac ggc cga gtt gac ggg gtc cgg gag aag agc gac	144
Arg Ile His Pro Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp	
35 40 45	
cct cac atc aag cta caa ctt caa gca gaa gag aga gga gtt gtg tct	192
Pro His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser	
50 55 60	
atc aaa gga gtg tgt gct aac cgt tac ctg gct atg aag gaa gat gga	240
Ile Lys Gly Val Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly	
65 70 75 80	
aga tta ctg gct tct aaa tgt gtt acg gat gag tgt ttc ttt ttt gaa	288
Arg Leu Leu Ala Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Phe Glu	
85 90 95	
cga ttg gaa tct aat aac tac aat act tac cgg tca agg aaa tac acc	336
Arg Leu Glu Ser Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Thr	
100 105 110	
agt tgg tat gtg gca ctg aaa cga act ggg cag tat aaa ctt gga tcc	384
Ser Trp Tyr Val Ala Leu Lys Arg Thr Gly Gln Tyr Lys Leu Gly Ser	
115 120 125	
aaa aca gga cct ggg cag aaa gct ata ctt ttt ctt cca atg tct gct	432
Lys Thr Gly Pro Gly Gln Lys Ala Ile Leu Phe Leu Pro Met Ser Ala	
130 135 140	
aag agc tga	441
Lys Ser *	
145	

FIGURE 4

atg	gca	gcc	ggg	agc	atc	acc	acg	ctg	cca	gcc	cta	cca	gaa	gat	ggg	48
Met	Ala	Ala	Gly	Ser	Ile	Thr	Thr	Leu	Pro	Ala	Leu	Pro	Glu	Asp	Gly	
1				5				10					15			
ggg	tcc	ggg	gcc	ttc	cca	cca	ggg	cac	ttc	aaa	gat	cca	aaa	cga	cta	96
Gly	Ser	Gly	Ala	Phe	Pro	Pro	Gly	His	Phe	Lys	Asp	Pro	Lys	Arg	Leu	
			20					25					30			
tat	tgt	aaa	aac	ggg	ggg	ttc	ttc	cta	cga	atc	cac	cca	gat	ggg	cga	144
Tyr	Cys	Lys	Asn	Gly	Gly	Phe	Phe	Leu	Arg	Ile	His	Pro	Asp	Gly	Arg	
		35					40					45				
gta	gat	ggg	gta	cga	gaa	aaa	tcc	gat	cca	cac	atc	aaa	cta	caa	cta	192
Val	Asp	Gly	Val	Arg	Glu	Lys	Ser	Asp	Pro	His	Ile	Lys	Leu	Gln	Leu	
	50					55					60					
caa	gcc	gaa	gaa	cga	ggg	gta	gta	tcc	atc	aaa	ggg	gta	tgt	gcc	aac	240
Gln	Ala	Glu	Glu	Arg	Gly	Val	Val	Ser	Ile	Lys	Gly	Val	Cys	Ala	Asn	
65					70					75				80		
cga	tat	cta	gcc	atg	aaa	gaa	gat	ggg	cga	cta	cta	gcc	tcc	aaa	tgt	288
Arg	Tyr	Leu	Ala	Met	Lys	Glu	Asp	Gly	Arg	Leu	Leu	Ala	Ser	Lys	Cys	
				85					90					95		
gta	acc	gat	gaa	tgt	ttc	ttc	ttc	gaa	cga	cta	gaa	tcc	aac	aac	tat	336
Val	Thr	Asp	Glu	Cys	Phe	Phe	Phe	Glu	Arg	Leu	Glu	Ser	Asn	Asn	Tyr	
			100					105					110			
aac	acc	tat	cga	tcc	cga	aaa	tat	tcc	tcc	tgg	tat	gta	gcc	cta	aaa	384
Asn	Thr	Tyr	Arg	Ser	Arg	Lys	Tyr	Ser	Ser	Trp	Tyr	Val	Ala	Leu	Lys	
		115					120					125				
cga	acc	ggg	caa	tat	aaa	cta	ggg	cca	aaa	acc	ggg	cca	ggg	caa	aaa	432
Arg	Thr	Gly	Gln	Tyr	Lys	Leu	Gly	Pro	Lys	Thr	Gly	Pro	Gly	Gln	Lys	
	130					135					140					
gcc	atc	cta	ttc	cta	cca	atg	tcc	gcc	aaa	tcc	taa					468
Ala	Ile	Leu	Phe	Leu	Pro	Met	Ser	Ala	Lys	Ser	*					
145					150					155						

FIGURE 5

atg gca gcc ggg agc atc acc acg ctg ccc gcc ttg ccc gag gat ggc	48
Met Ala Ala Gly Ser Ile Thr Thr Leu Pro Ala Leu Pro Glu Asp Gly	
1 5 10 15	
ggc agc ggc gcc ttc ccg ccc ggc cac ttc aag gac ccc aag cgg ctg	96
Gly Ser Gly Ala Phe Pro Pro Gly His Phe Lys Asp Pro Lys Arg Leu	
20 25 30	
tac tgc aaa aac ggg ggc ttc ttc ctg cgc atc cac ccc gac ggc cga	144
Tyr Cys Lys Asn Gly Gly Phe Phe Leu Arg Ile His Pro Asp Gly Arg	
35 40 45	
gtt gac ggg gtc cgg gag aag agc gac cct cac atc aag cta caa ctt	192
Val Asp Gly Val Arg Glu Lys Ser Asp Pro His Ile Lys Leu Gln Leu	
50 55 60	
caa gca gaa gag aga gga gtt gtg tct atc aaa gga gtg tgt gct aac	240
Gln Ala Glu Glu Arg Gly Val Val Ser Ile Lys Gly Val Cys Ala Asn	
65 70 75 80	
cgt tac ctg gct atg aag gaa gat gga aga tta ctg gct tct aaa tgt	288
Arg Tyr Leu Ala Met Lys Glu Asp Gly Arg Leu Leu Ala Ser Lys Cys	
85 90 95	
gtt acg gat gag tgt ttc ttt ttt gaa cga ttg gaa tct aat aac tac	336
Val Thr Asp Glu Cys Phe Phe Phe Glu Arg Leu Glu Ser Asn Asn Tyr	
100 105 110	
aat act tac cgg tca agg aaa tac acc agt tgg tat gtg gca ctg aaa	384
Asn Thr Tyr Arg Ser Arg Lys Tyr Thr Ser Trp Tyr Val Ala Leu Lys	
115 120 125	
cga act ggg cag tat aaa ctt gga tcc aaa aca gga cct ggg cag aaa	432
Arg Thr Gly Gln Tyr Lys Leu Gly Ser Lys Thr Gly Pro Gly Gln Lys	
130 135 140	
gct ata ctt ttt ctt cca atg tct gct aag agc tga ttttaa	474
Ala Ile Leu Phe Leu Pro Met Ser Ala Lys Ser *	
145 150 155	

Primary Endpoint: Relative Change in PWT at 90 days

1° Analysis: overall $p = .075$ (ANOVA)

2° Analysis: overall $p = .035$ (ANOVA of Ranks)

$p = .026$ $p = .45$

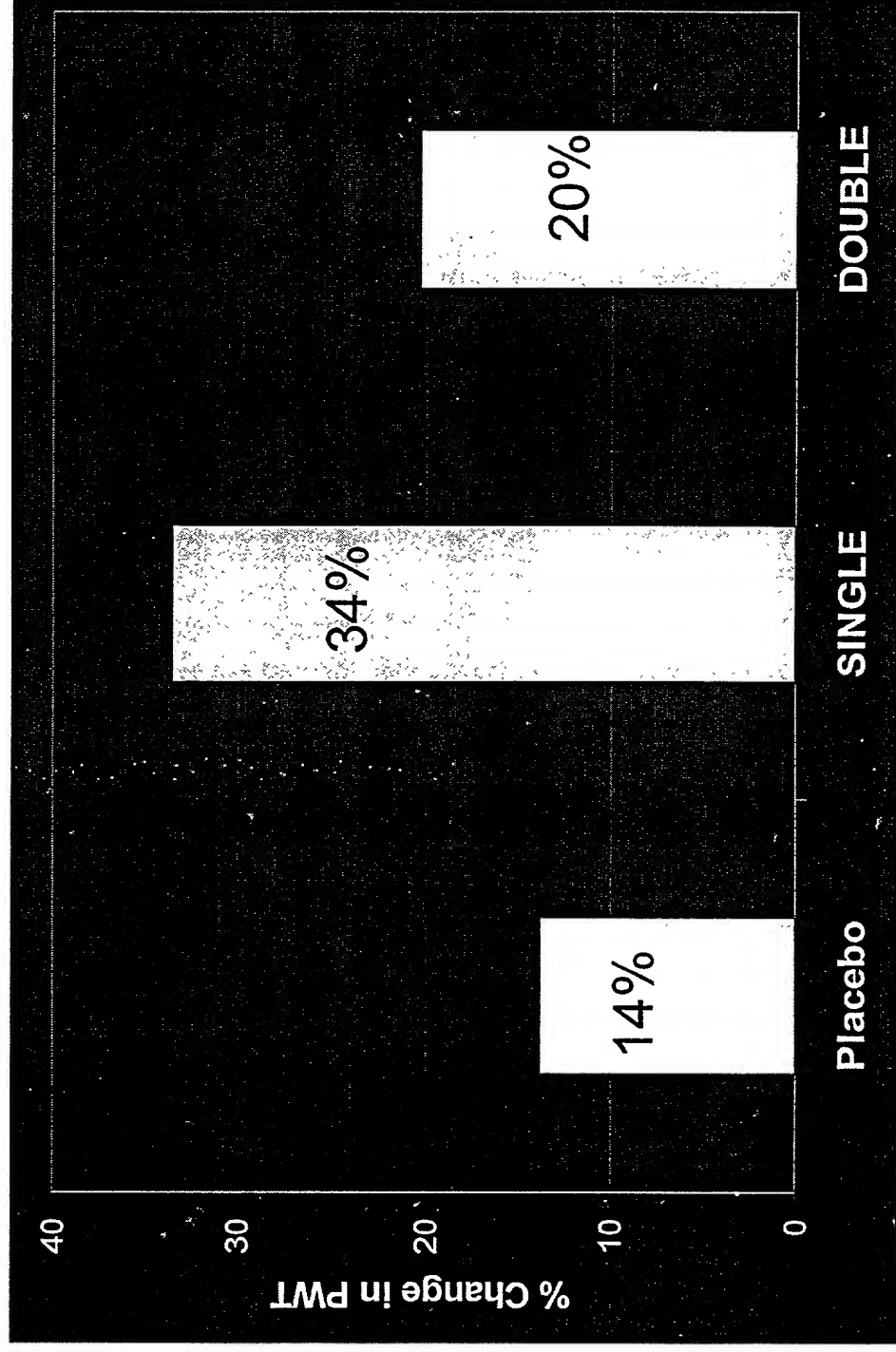


FIGURE 6

Absolute Change in PWT

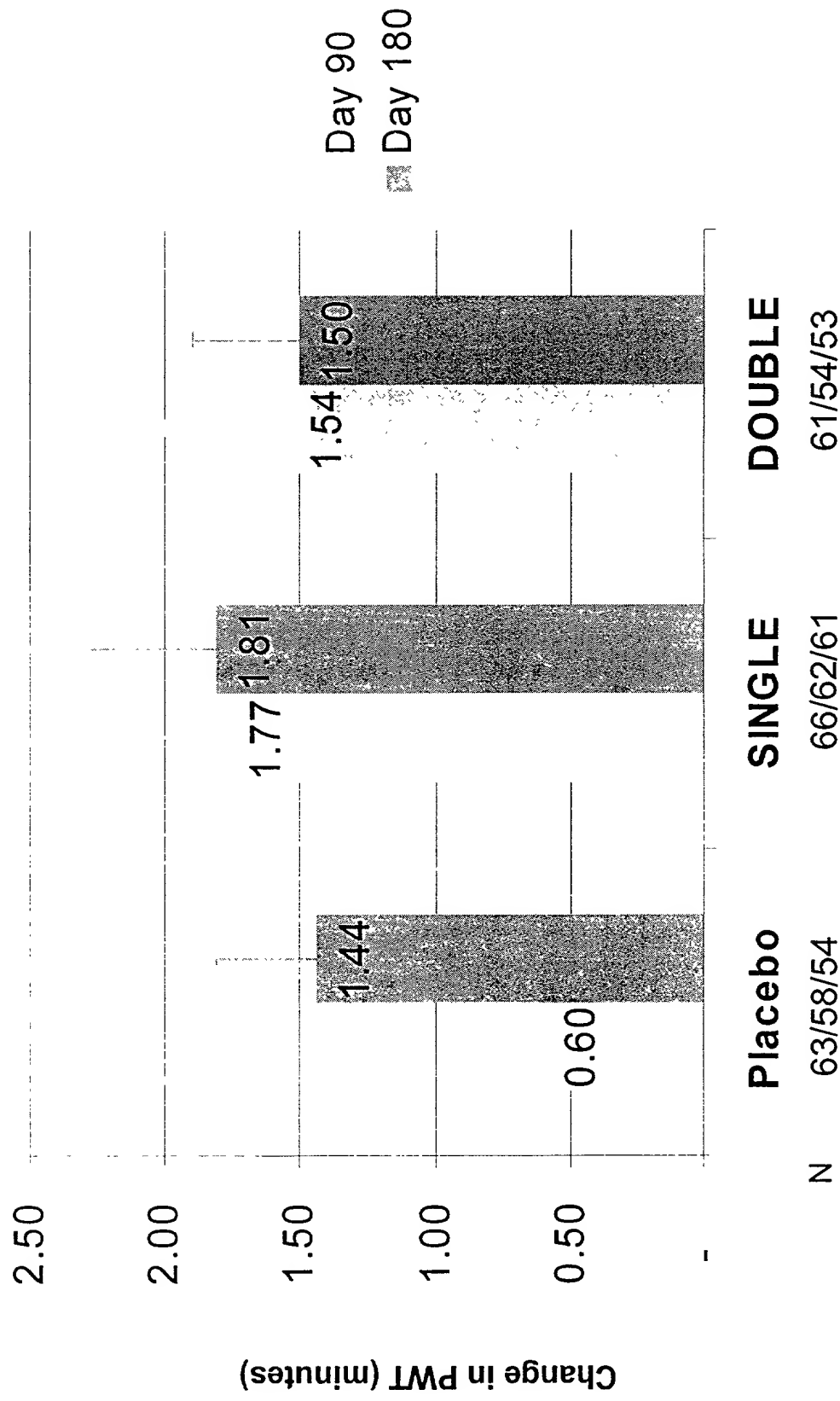
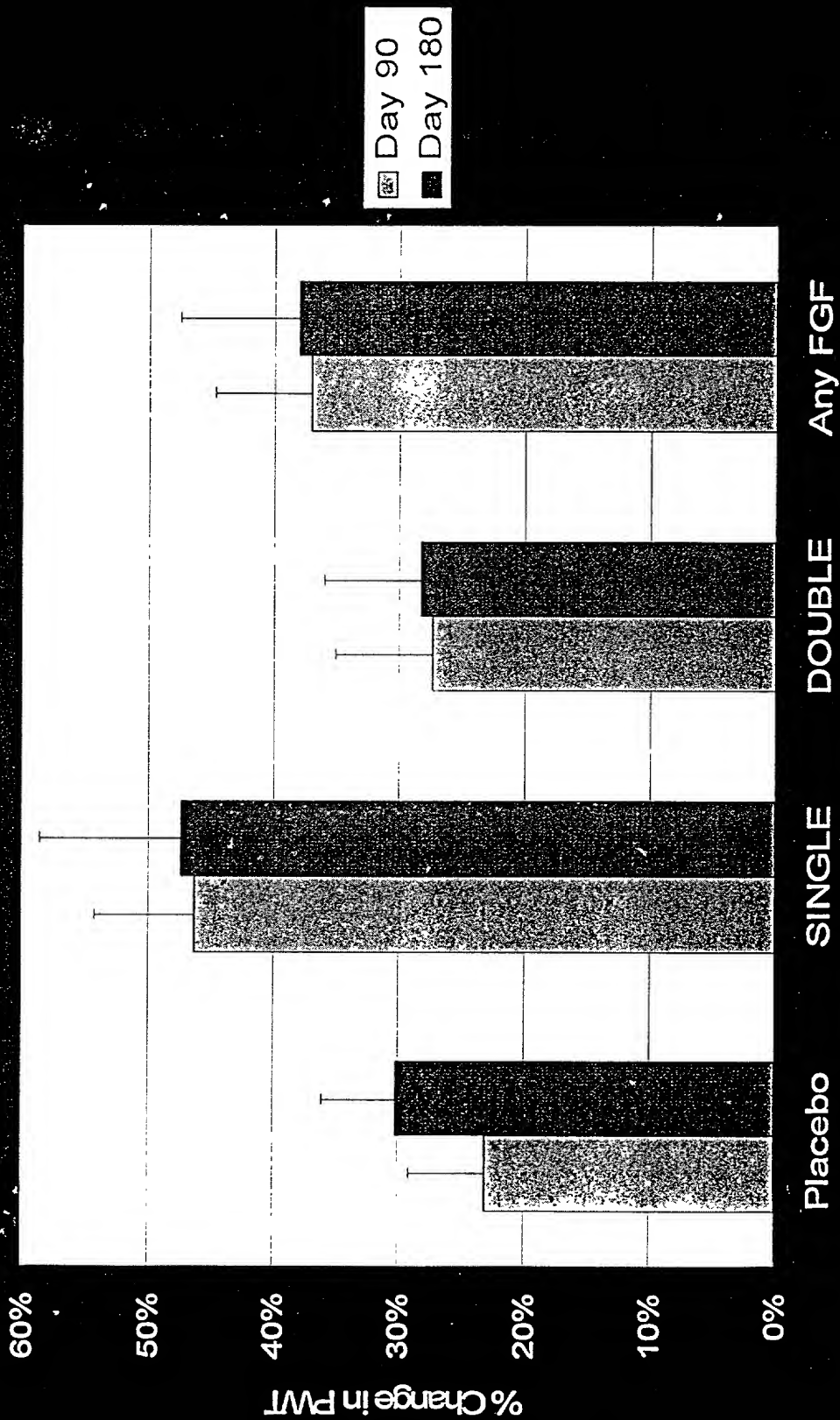


FIGURE 7

FIGURE 8

% Absolute Change in PWT



Ankle Brachial Index at days 1, 90, 180

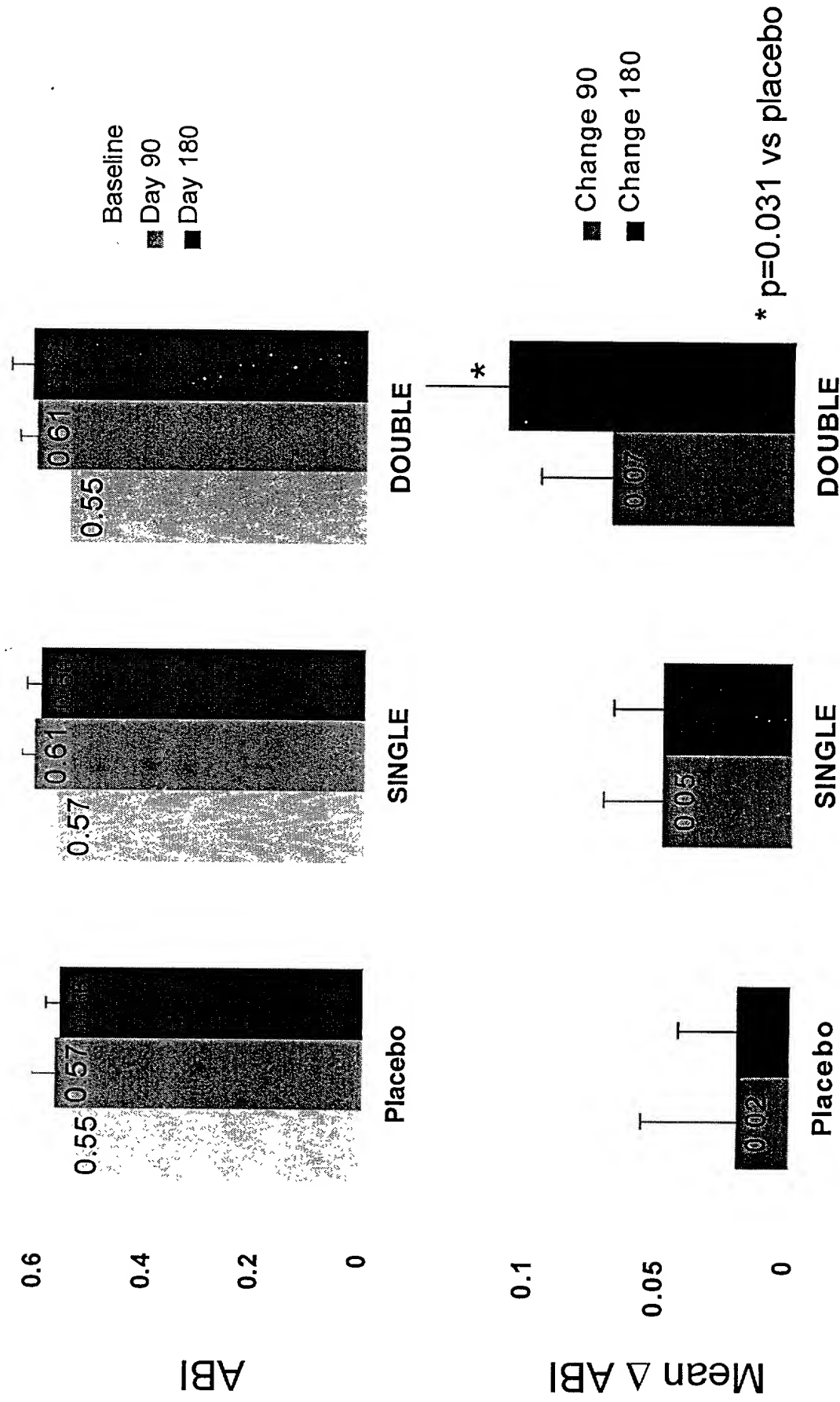


FIGURE 9

WIQ: Severity of Claudication

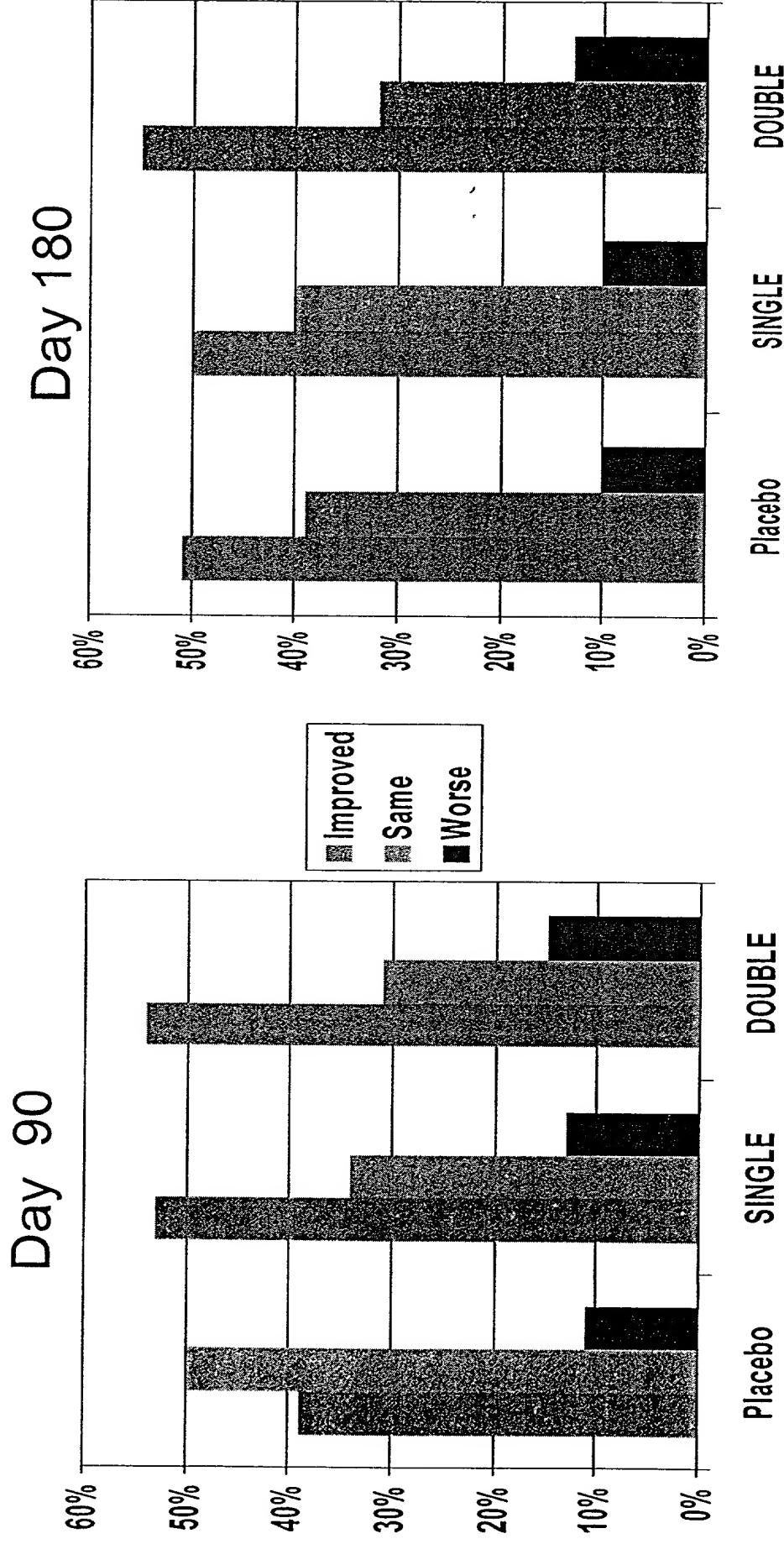


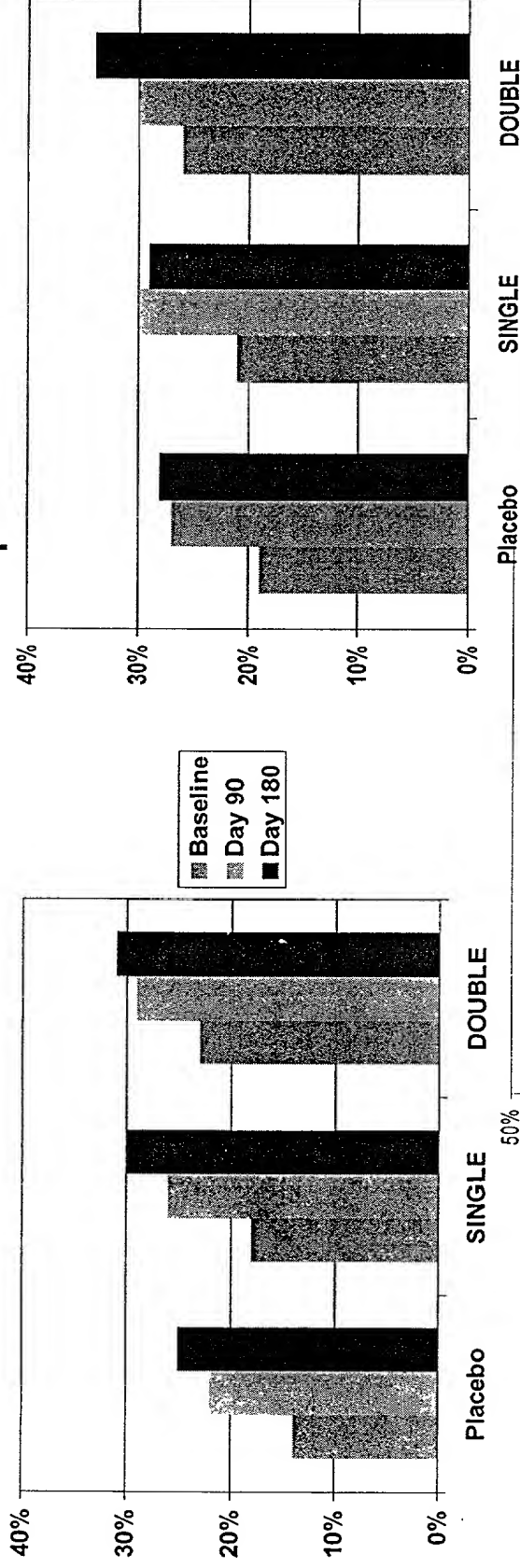
FIGURE 10

Walking Impairment Questionnaire

Severity Scores (%)

Distance

Speed



Stair Climbing

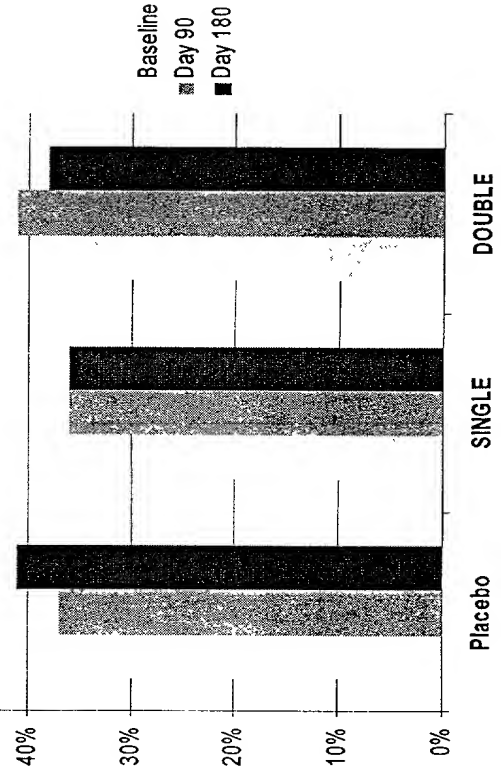
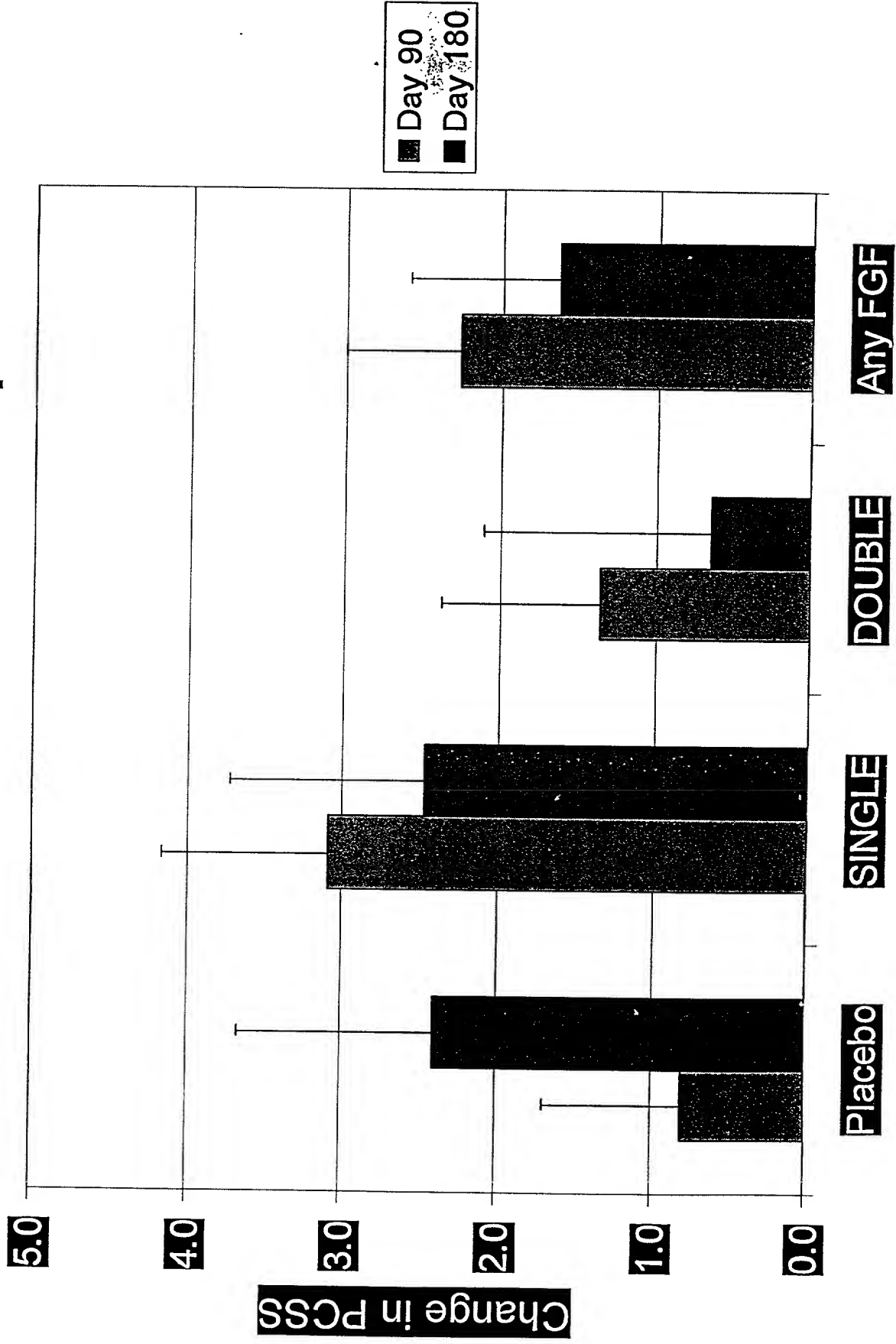


FIGURE 11

FIGURE 12

SF-36: Physical Component



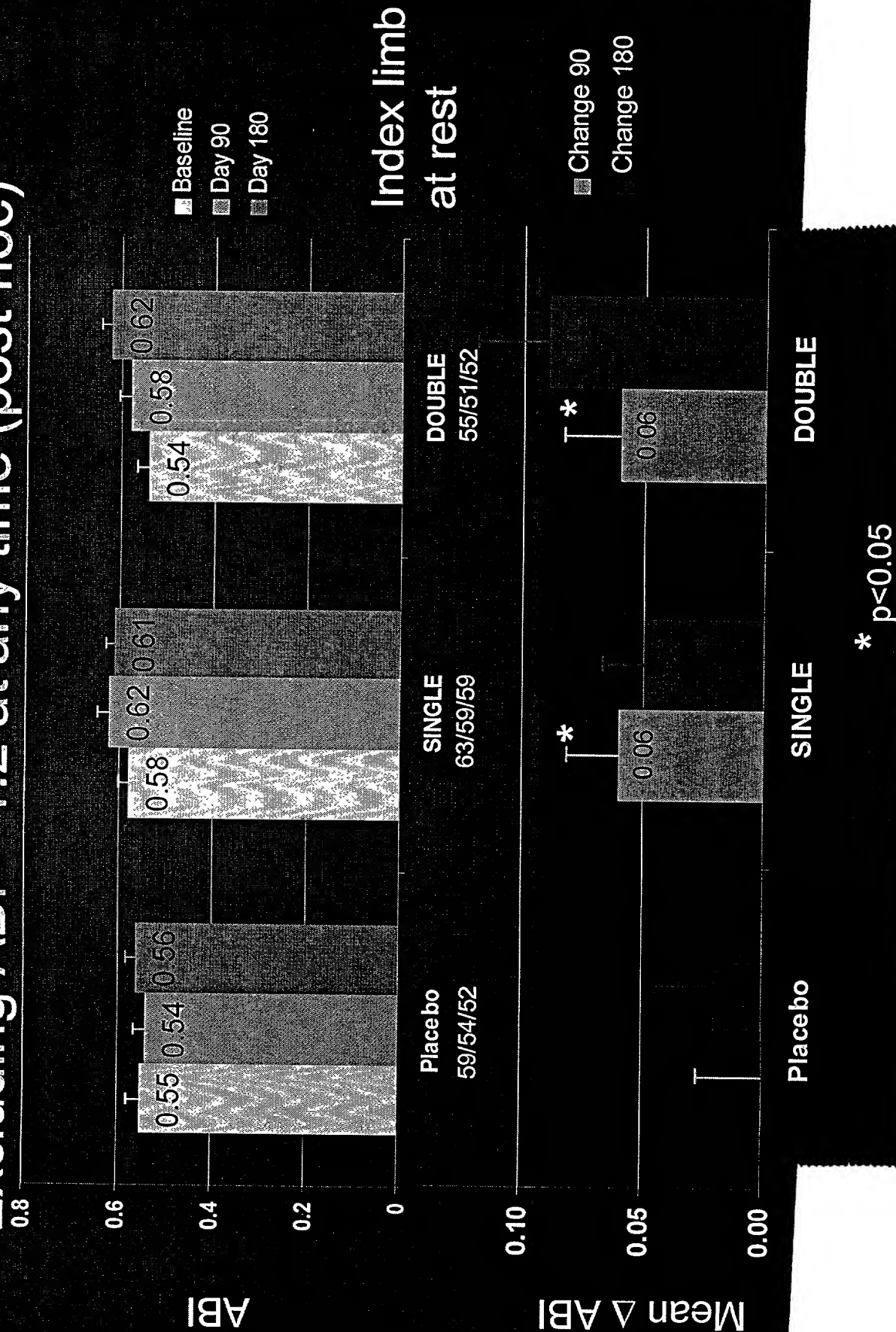
All PAD: Summary of Results

VARIABLE	Day 90	Day 180
PWT – primary overall	++	
PWT: pairwise/geometric	+++ / +	* +/-
Claudication Onset Time	++	- / -
Ankle Brachial Index	++	+ / +
WIQ: claudication	++	- / +
WIQ: distance	0 / -	+ / -
WIQ: speed	+ / -	+ / 0
WIQ: stairs	++ / +	+ / -
SF-36: Physical Score	++ / +	+ / -
SF-36: Mental Score	+ / -	+ / -

+++ = $p < .05$; ++ = $p < .15$; +, 0, - = directional change relative to placebo
SINGLE / DOUBLE

FIGURE 14

Ankle Brachial Index at Days 1, 90, 180 Excluding ABI > 1.2 at any time (post-hoc)



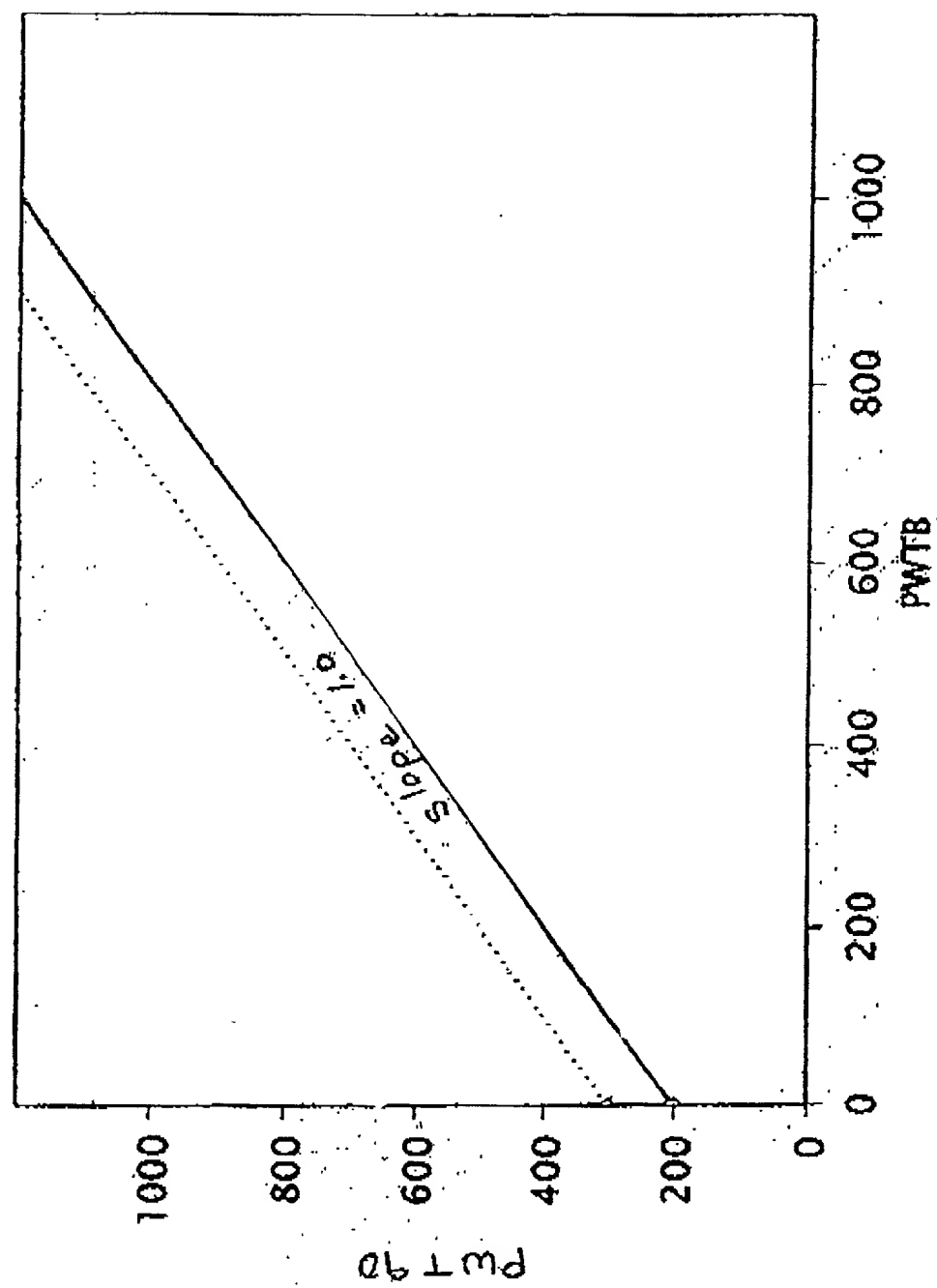


FIGURE 15

FIGURE 16

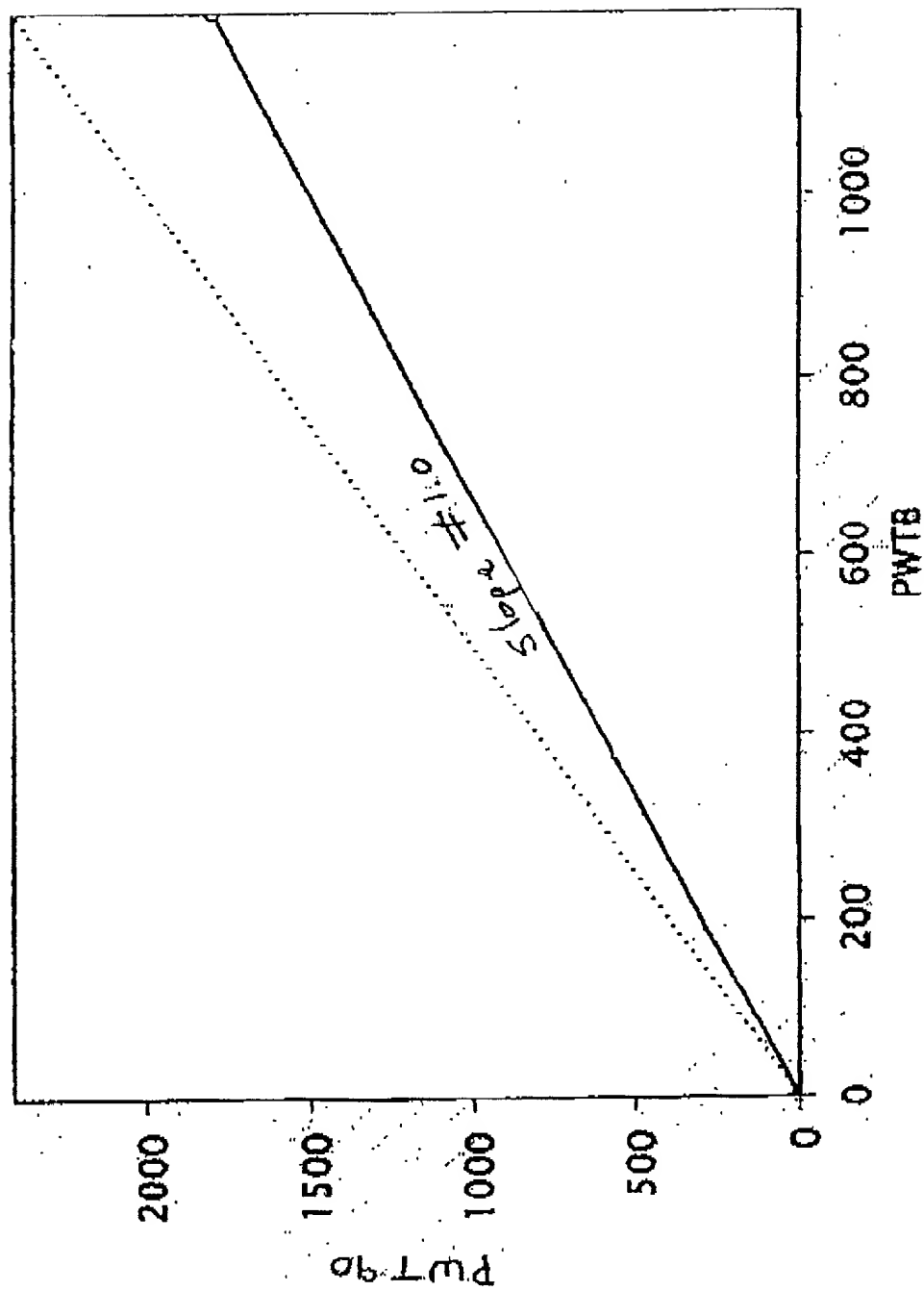


FIGURE 17

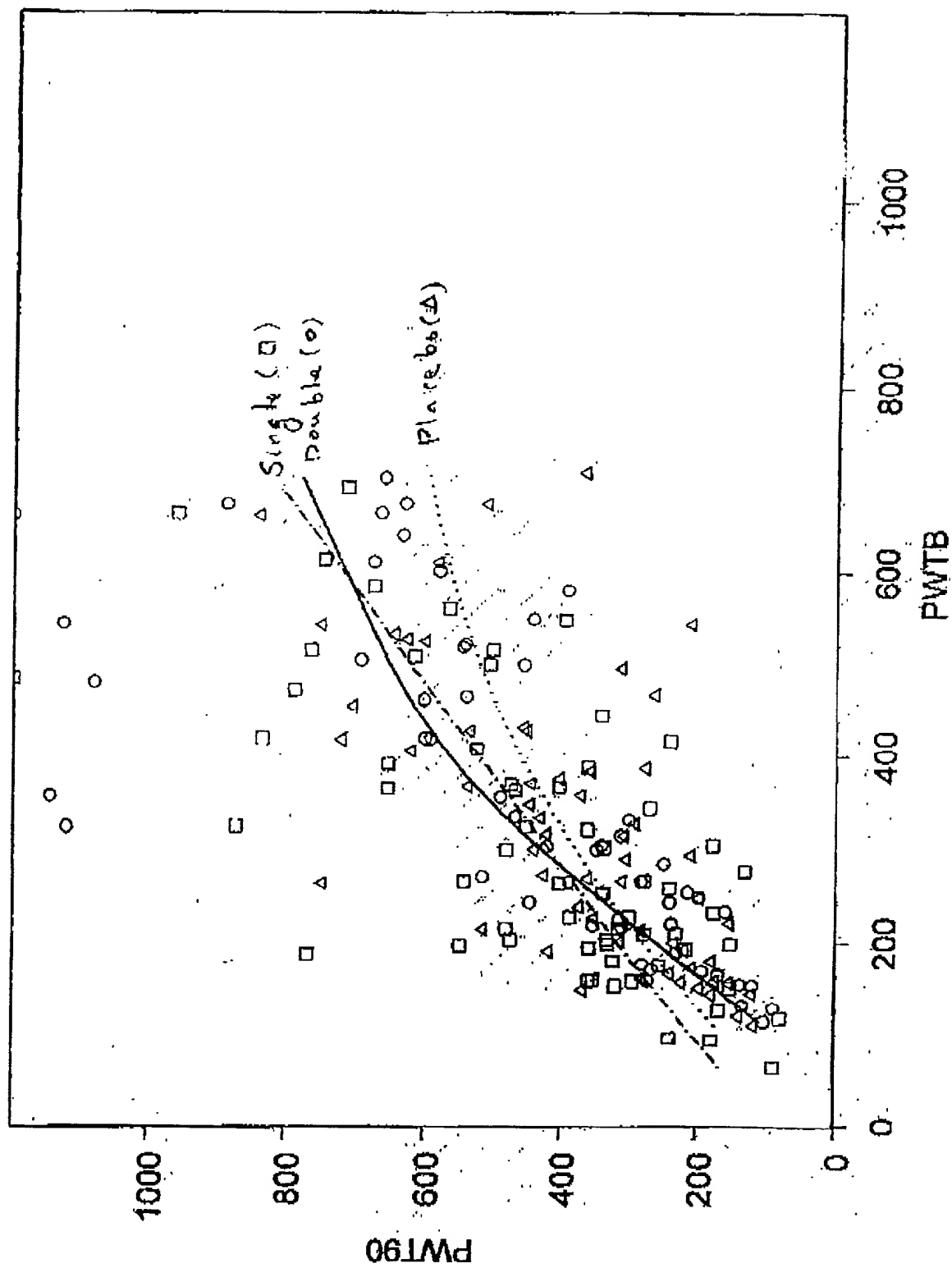


FIGURE 18

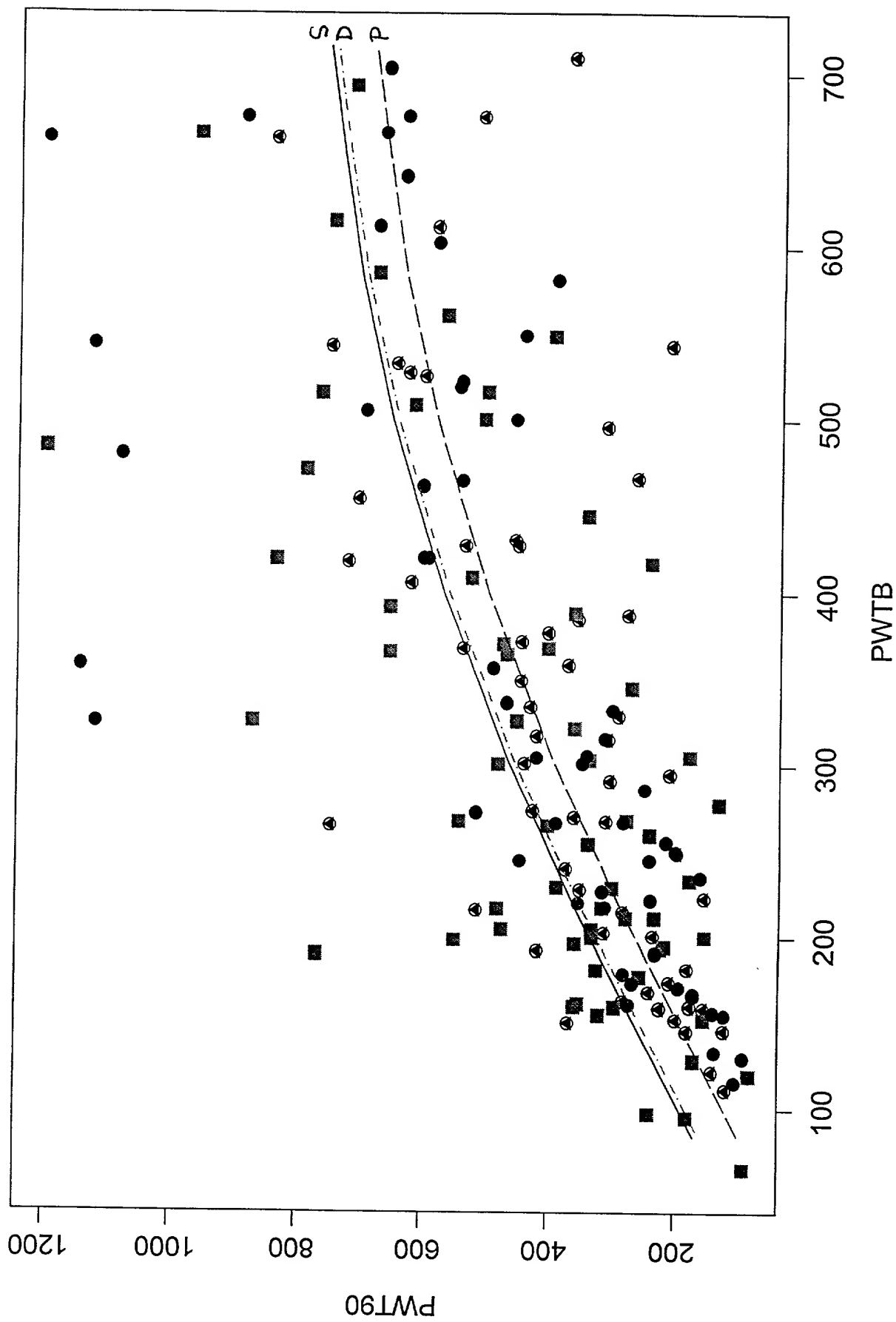


FIGURE 19

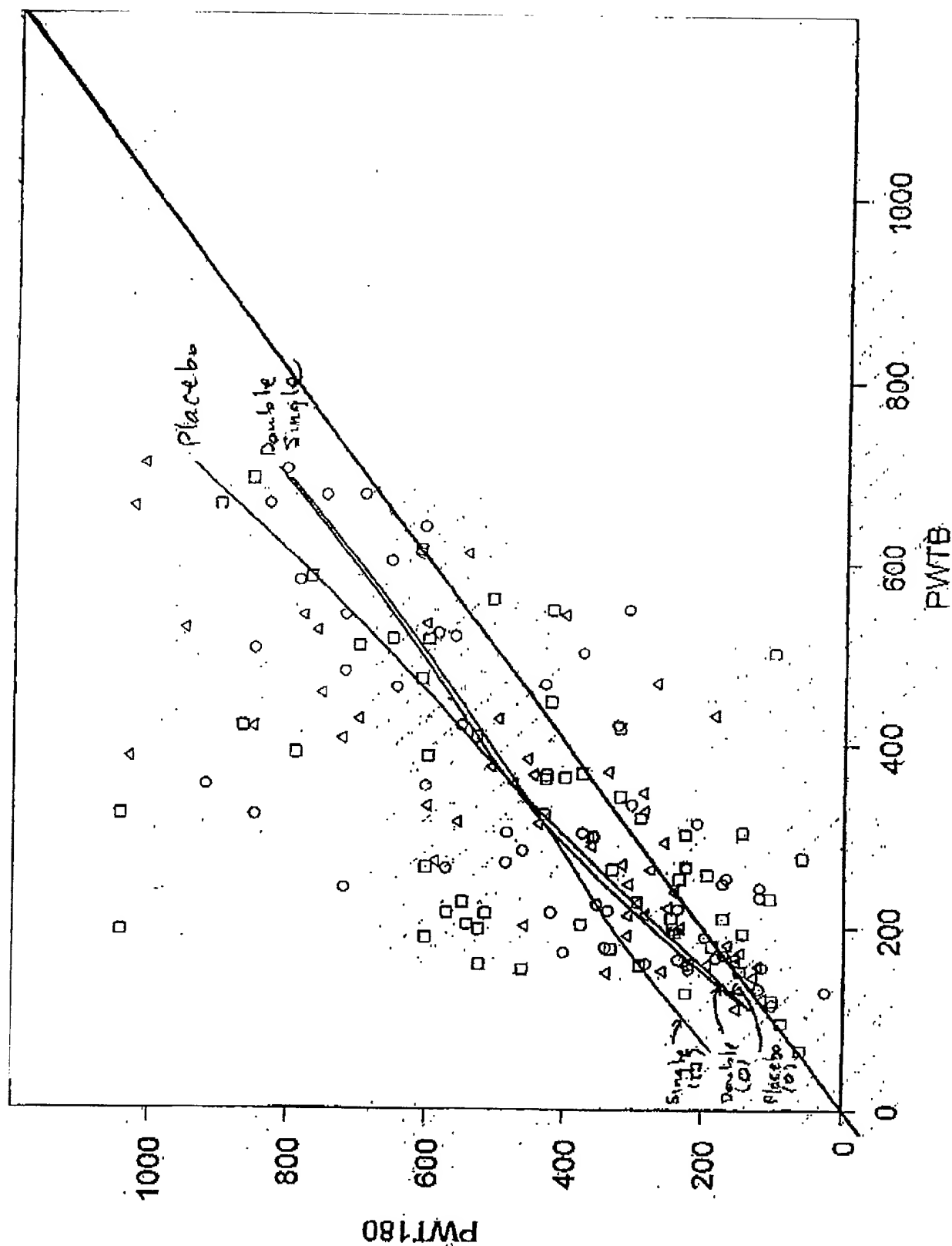


FIGURE 20

Effect of Single Administration IA and IM
vs. Continuous Infusion FGF-2 on
Total Hindlimb Blood Flow in Rat Bilateral PAD Model

